EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	564	600/453	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/10 10:53
L2	17	L1 and (orifice or (vena with contracta) or valve) and (area or (flow with rate) or (flow with volume)) and overlap$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/10 10:53
L3	42	((THOMAS) near2 (BUCK)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 11:00
S1	1	("5085220").PN.	USPAT; USOCR	OR	OFF	2007/05/10 09:41
S2	253	(600/453).CCLS.	USPAT; USOCR	OR	OFF	2007/04/30 10:03
S3	1	S2 and (vena adj contracta)	USPAT	OR	OFF	2007/04/30 10:04
S4	7	("4259870" | "4807636" | "5062427" | "5390677").PN. OR ("6544181").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 10:42
S5	13	S2 and (heart adj valve)	USPAT	OR	OFF	2007/04/30 10:55
S6	355	(600/455).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 10:55
S7	12	S6 and (heart adj valve)	USPAT	OR	OFF	2007/04/30 10:56
S8	13	S6 and (heart adj valve)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 11:00
S9	595	600/454	USPAT	OR	OFF	2007/04/30 11:00
S10	666	600/454	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 11:00
S11	19	S10 and (heart adj valve)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 11:03
S12	183	600/456	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 11:04
S13	5	S12 and (heart adj valve)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 11:05
S14	14	"4519260"	USPAT	OR	OFF	2007/04/30 11:05
S15	29	"4873985"	USPAT	OR	OFF	2007/04/30 11:06

S16	4	"6293914"	USPAT	OR	OFF	2007/04/30 11:07
S17	3	"6423006"	USPAT	OR	OFF	2007/04/30 11:07
S18	3	"6464642"	USPAT	OR	OFF	2007/04/30 11:08
S19	22	(US-20050251041-$ or US-20040019278-$ or US-20020151794-$).did. or (US-6682485-$ or US-5390677-$ or US-5062427-$ or US-4807636-$ or US-4259870-$ or US-6719697-$ or US-6544181-$ or US-6537217-$ or US-5855557-$ or US-5844140-$ or US-4143650-$ or US-6149595-$ or US-7024244-$ or US-6511426-$ or US-4519260-$ or US-4873985-$ or US-6293914-$ or US-6423006-$ or US-6464642-$).did.	US-PGPUB; USPAT	OR	OFF	2007/04/30 11:16
S20	0	S19 and rosette	USPAT	OR	OFF	2007/04/30 11:17
S21	0	S12 and rosette	USPAT	OR	OFF	2007/04/30 11:17
S22	1	S10 and rosette	USPAT	OR	OFF	2007/04/30 13:09
S23	17	S19 and reference	USPAT	OR	OFF	2007/04/30 13:10
S24	4	"6544181"	USPAT	OR	OFF	2007/04/30 16:05
S25	15	"4807636"	USPAT	OR	OFF	2007/04/30 13:37
S26	3	"6464642"	USPAT	OR	OFF	2007/04/30 16:05
S27	22	(US-20050251041-$ or US-20040019278-$ or US-20020151794-$).did. or (US-6682485-$ or US-5390677-$ or US-5062427-$ or US-4807636-$ or US-4259870-$ or US-6719697-$ or US-6544181-$ or US-6537217-$ or US-5855557-$ or US-5844140-$ or US-4143650-$ or US-6149595-$ or US-7024244-$ or US-6511426-$ or US-4519260-$ or US-4873985-$ or US-6293914-$ or US-6423006-$ or US-6464642-$).did.	US-PGPUB; USPAT	OR	OFF	2007/04/30 17:16

S28	0	S27 and (matrix with array with transducer)	USPAT	OR	OFF	2007/04/30 17:16
S29	1	S27 and (matrix with transducer)	USPAT	OR	OFF	2007/04/30 17:40
S30	2	ultrasound and (heart with valve) and (matrix with array with transducer)	USPAT	OR	OFF	2007/04/30 17:40
S31	3	"6464642"	USPAT	OR	OFF	2007/05/01 11:22
S32	29	"4873985"	USPAT	OR	OFF	2007/05/01 13:25
S33	42	(matrix adj array) adj transducer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:34
S34	18	S33 and beams	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:26
S35	16	S33 and heart	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/01 13:34
S36	23	(US-20050251041-$ or US-20040019278-$ or US-20020151794-$).did. or (US-6719697-$ or US-6544181-$ or US-6537217-$ or US-5855557-$ or US-5844140-$ or US-4143650-$ or US-6423006-$ or US-6682485-$ or US-6149595-$ or US-5390677-$ or US-4873985-$ or US-5062427-$ or US-4259870-$ or US-4807636-$ or US-7024244-$ or US-6511426-$ or US-6293914-$ or US-4519260-$ or US-6464642-$ or US-5427106-$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/02 10:59
S37	173604	beams	USPAT	OR	OFF	2007/05/02 10:59
S38	16	S36 and beams	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:00
S39	5	S38 and matrix	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:26
S40	8	"2052918"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:27
S41	1	GB-A-2052918	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29
S42	183	600/456	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29
S43	44	S42 and matrix	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29
S44	25	S43 and heart	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29

S45	3	S44 and (matrix with transducer)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:29
S46	13	("5105817" | "5285788" | "5623930" | "5701898" | "5720291" | "5769079" | "5967987" | "5997480" | "6071242" | "6117080" | "6190321" | "6241675" | "6258029").PN. OR ("6780155").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:34
S47	13	("5105817" | "5285788" | "5623930" | "5701898" | "5720291" | "5769079" | "5967987" | "5997480" | "6071242" | "6117080" | "6190321" | "6241675" | "6258029").PN. OR ("6780155").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:36
S48	37	("4409982" | "4803990" | "4853904" | "5119342" | "5140558" | "5278757" | "5291090" | "5295485" | "5483963" | "5505203" | "5667373" | "5722412" | "5740806" | "5793701" | "5817024" | "5839442" | "5893363" | "5897501" | "5904652" | "5905692" | "5919138" | "5925967" | "5964709" | "5970025" | "5973438" | "6055861" | "6063030" | "6089096" | "6113545" | "6126608" | "6135961" | "6139498" | "6174286" | "6203498" | "6238346" | "6251073"). PN. OR ("6773399").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 11:56
S49	3	"6464642"	USPAT	OR	OFF	2007/05/10 09:42
S50	2	"6773399"	USPAT	OR	OFF	2007/05/10 11:37
S51	37	("4409982" | "4803990" | "4853904" | "5119342" | "5140558" | "5278757" | "5291090" | "5295485" | "5483963" | "5505203" | "5667373" | "5722412" | "5740806" | "5793701" | "5817024" | "5839442" | "5893363" | "5897501" | "5904652" | "5905692" | "5919138" | "5925967" | "5964709" | "5970025" | "5973438" | "6055861" | "6063030" | "6089096" |	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:40

		"6113545" | "6126608" | "6135961" | "6139498" | "6174286" | "6203498" | "6238346" | "6251073"). PN. OR ("6773399").URPN.				
S52	4	ultrasound and beams and rosette	USPAT	OR	OFF	2007/05/10 11:42
S53	154	ultrasound and rosette	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:43
S54	8	S53 and (rosette with pattern)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:50
S55	33384	ultrasound and (plurality of beams)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:50
S56	910	ultrasound and (plurality with beams)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 11:50
S57	0	(10/876743).APP.	USPAT; USOCR	OR	OFF	2007/05/10 11:51
S58	0	(10/876743).APP.	USPAT; USOCR	OR	OFF	2007/05/10 11:51
S59	6	"6544181"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 15:17
S60	8	("4259870" | "4807636" | "5062427" | "5390677"). PN. OR ("6544181").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 15:27
S61	0	S60 and (orifice or opening) and (overlap or overlapping)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 15:28
S62	1024	(ultrasound or ultrasonic) and doppler and (orifice or opening) and (overlap or overlapping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/29 15:28
S63	419	S62 and beams	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/29 15:29
S64	254	S63 and (flow with (rate or volume))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/29 15:29
S65	154	S64 and blood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/29 15:29
S66	21	S65 and (measurement with beam) and (reference with beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/29 15:30
S67	20	S66 and heart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/29 15:31

S68	0	(10/546629).APP.	USPAT; USOCR	OR	OFF	2008/11/29 15:31
S69	0	("2006/0173347").URPN.	USPAT	OR	OFF	2008/11/29 15:31
S70	17	S65 and ((overlap or overlapping) with (beams)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/29 15:35
S71	3	S65 and (((overlap or overlapping) with (beams)) with (opening or orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/29 15:35
S72	19	ultrasound and (blood with flow) and ((overlap or overlapping) with beams) and backscatter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/29 15:37
S73	27	ultrasound and (blood with flow) and ((overlap or overlapping) with beam) and backscatter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/29 15:38
S74	1	"10546629"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 16:16
S75	0	S74 and (pulse)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 16:16
S76	1	S74 and continuous	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/29 16:16
S77	524	600/453	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 09:43
S78	8	S77 and (flow with (rate or volume)) and ((overlap or overlapping) with beams)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 09:43
S79	765	600/454	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 10:19
S80	13	S79 and (flow with (rate or volume)) and ((overlap or overlapping) with beams)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 10:19
S81	1	S80 and ((orifice or opening) with beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/01 10:20
S82	280	600/450	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/01 11:36

S83	3	S82 and (flow with (rate or volume)) and ((overlap or overlapping) with beams)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 11:37
S84	578	600/462	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 11:42
S85	1	S84 and (flow with (rate or volume)) and ((overlap or overlapping) with beams)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 11:43
S86	122	600/465	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 11:45
S87	2	S86 and (flow with (rate or volume)) and ((overlap or overlapping) with beams)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 11:45
S88	18	"544181"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 13:06
S89	7	"6544181"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/01 13:06
S90	1	"10546629"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 12:40
S91	8	"6464642"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 13:17
S92	1	("5546951").PN.	USPAT; USOCR	OR	OFF	2009/09/01 15:02
S93	1	("6216027").PN.	USPAT; USOCR	OR	OFF	2009/09/01 15:08
S94	51	(600/465).CCLS.	USPAT; USOCR	OR	OFF	2009/09/01 15:58
S95	65	(600/465).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 15:58
S96	12	S95 and (orifice or (vena with contracta) or valve) and (area or (flow with rate) or (flow with volume))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 15:59
S97	0	(10/303252).APP.	USPAT; USOCR	OR	OFF	2009/09/01 16:03
S98	827	600/454	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 16:05

S99	114	S98 and (orifice or (vena with contracta) or valve) and (area or (flow with rate) or (flow with volume))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 16:05
S100	25	S99 and (overlap$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 16:05
S101	623	600/462	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:22
S102	94	S101 and (orifice or (vena with contracta) or valve) and (area or (flow with rate) or (flow with volume))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:22
S103	17	S101 and (orifice or (vena with contracta) or valve) and (area or (flow with rate) or (flow with volume)) and overlap$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:23
S104	306	600/450	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:29
S105	13	S104 and (orifice or (vena with contracta) or valve) and (area or (flow with rate) or (flow with volume)) and overlap$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:29
S106	9953	(overlap$4 with (orifice or (vena with contracta) or valve)) and (area or (flow with rate) or (flow with volume))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:32
S107	19	(overlap$4 with (orifice or (vena with contracta) or valve)) and (area or (flow with rate) or (flow with volume)) and (ultrasound or ultrasonic) and doppler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:32
S108	6	((ultrasound or ultrasonic) with beam) same ((overlap $4 with (orifice or (vena with contracta) or valve)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/01 16:41
S109	15	("3977247" | "4259870" | "4373533" | "4493216" | "4519260" | "4807636" | "4873985").PN. OR ("5085220").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 16:44

S110	11	("3888238" | "4476874" | "4493216" | "4757822" | "4796634" | "4807636" | "5052395" | "5085220"). PN. OR ("5406948").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 16:45
S111	66	"6216027"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 09:39
S112	229	"5042486"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 09:47
S113	1	"11002399"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 09:55
S114	549	"5391199"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 10:09
S115	549	"5391199"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 10:28
S116	300	("4173228" | "4613866" | "4697595" | "4699147" | "4821731" | "4945305" | "5041973" | "5042486" | "5054496" | "5056517" | "5081993" | "5104393" | "5154501" | "5156151" | "5158092" | "5172699" | "5222501").PN. OR ("5391199").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 10:29
S117	101	S116 and ((computed with tomography) or CT)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 10:30
S118	94	S117 and (match$3 or correspondence or register $3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 10:30
S119	11	S118 and boston	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 10:32
S120	0	"10546629"	USPAT	OR	OFF	2009/09/09 15:11
S121	0	"20060173347"	USPAT	OR	OFF	2009/09/09 15:12
S122	1	"20060173347"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/09 15:47

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